

Attorney Docket No: 27866/37497

Applicant: Kathleen S. Keegan

Filed: June 16, 2001

Group Art: 1635

Examiner: To be assigned

) I hereby certify that this paper is being  
) deposited with the United States Postal  
) Service as First Class mail, postage prepaid,  
) in an envelope addressed to: Commissioner  
) for Patents, Washington, D.C. 20231, on  
) January 22, 2002.

)  
)  
)  
)  
)  
) Eric M. Brusca

RECEIVED  
FEB 04 2002  
TECH CENTER 1600/2900

**APPLICANTS' RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCES  
AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Assistant Commissioner for Patents  
Box PCT  
Washington, DC 20231

Sir:

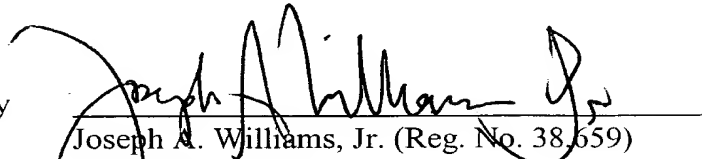
In response to the Examiner's assertion that the computer-readable form of the sequence listing was not the same as the paper copy, a substitute copy is submitted herewith. The Applicant would like to point out that the "GENERAL INFORMATION" section has been modified to update the Sequence Listing with current information regarding correspondence address and application data. Additionally, information for SEQ ID NO. 7 has been modified to define the term "N" as it appears in the Sequence Listing. Finally, all DNA molecules listed in the Sequence Listing have been designated as cDNAs with respect to molecule type.

The statement as required under 37 CFR §1.821 (f) and (g) accompanies this submission.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN

By

A handwritten signature in black ink, appearing to read "Joseph A. Williams, Jr.", is written over a horizontal line.

Joseph A. Williams, Jr. (Reg. No. 38,659)  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6402  
(312) 474-6300

January 22, 2002